

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/052234

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/085

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 862 169 A (FUJITSU LIMITED) 2 September 1998 (1998-09-02) column 8, line 6 - column 25, line 25; figures 1A,1B,4A,4B,7A-13B	1-17
A	US 6 442 111 B1 (TAKAHASHI KAZUO ET AL) 27 August 2002 (2002-08-27) column 25, line 26 - column 30, line 34; figure 15 column 54, line 31 - column 56, line 40; figures 49,50	1-17
A	DE 102 07 119 A1 (FUNAI ELECTRIC CO., LTD) 29 August 2002 (2002-08-29) the whole document	1-17
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex

* Special categories of cited documents

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

A document member of the same patent family

Date of the actual completion of the international search

19 April 2005

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26/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	<p>DE 195 36 190 A1 (FUJITSU LTD., KAWASAKI, KANAGAWA, JP; FUJITSU LTD) 4 April 1996 (1996-04-04) page 8, line 32 - page 10, line 13; figures 1,5,7A-11</p> <p>-----</p>	1-17

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Information on patent family members

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